

AMENDMENTS TO THE CLAIMS

1. (Currently Amended) An end cap for a miniature electric motor, the end cap having a body of insulating material and a cover of conductive material, wherein the body supports two brushes for making sliding contact with a commutator, two motor terminals for connecting a power supply to the brushes and ~~a chip-type~~ an electro-magnetic interference chip device having at least three terminals including: two input terminals, respectively connected to the two motor terminals; and at least one earth terminal electrically connected to the conductive cover.

2. (Currently Amended) The end cap of Claim 1, wherein the ~~chip-type~~ electro-magnetic interference chip device has two earth terminals which are connected to the conductive cover.

3. (Currently Amended) The end cap of Claim 1, wherein the at least one earth terminal of the electro-magnetic interference chip device is connected to the conductive cover by a conductive spring.

4. (Currently Amended) The end cap of Claim 3, wherein the electro-magnetic interference chip device has two earth terminals and the conductive spring is 'W'-shaped.

5. (Currently Amended) The end cap of Claim 3, wherein the cover has an opening in which the electro-magnetic interference chip device is located and the conductive spring engages an edge of the opening to establish electrical contact between the at least one earth terminal of the electro-magnetic interference chip device and the cover.

6. (Previously Presented) The end cap of Claim 3, wherein the device is located in a compartment integrally formed in the body of the end cap and is retained in the compartment by the conductive spring.

7. (Currently Amended) The end cap of Claim 1, wherein the body of the end cap has an integrally formed compartment in which the electro-magnetic interference chip device is located.

8. (Currently Amended) The end cap of Claim 1, wherein the electro-magnetic interference chip device is held between a pair of resiliently deformed electrically conductive connectors.

9. (Currently Amended) The end cap of Claim 8, wherein the connectors are spring connectors which make resilient contact with the input terminals of the electro-magnetic interference chip device.

10. (Original) The end cap of Claim 8, wherein the brushes comprise resiliently flexible conductive strips connected to relatively rigid brush holders and the spring connectors are electrically connected to the motor terminals by way of the brush holders.

11. (Original) The end cap of Claim 10, wherein the brushes each have a free end divided into a plurality of fingers adapted to make sliding contact with the commutator.

12. (Original) The end cap of Claim 10, wherein the brushes include a carbon based body fitted to an end of the strip for making sliding contact with the commutator.

13. (Currently Amended) The end cap of Claim 1, wherein the electro-magnetic interference chip device is mounted on the body of the end cap and is accessible from an outer surface of the end cap.